

Title (en)
GAS-LIQUID TRAY

Title (de)
GAS-FLÜSSIGKEIT KONTAKTBODEN

Title (fr)
PLATEAU DE CONTACT GAZ-LIQUIDE

Publication
EP 1257336 A1 20021120 (EN)

Application
EP 01917004 A 20010216

Priority
• EP 01917004 A 20010216
• EP 0101809 W 20010216
• EP 00200520 A 20000216

Abstract (en)
[origin: WO0160487A1] Gas-liquid contact tray comprising a bubble area and one or more rectangular downcomer openings spaced within the bubble area, wherein a shield provided with a plurality of openings is present above the downcomer opening and which shield extends from both the longitudinal sides of the rectangular downcomer.

IPC 1-7
B01D 3/20; **B01D 3/22**

IPC 8 full level
B01D 3/18 (2006.01); **B01D 3/20** (2006.01); **B01D 3/22** (2006.01); **B01D 3/24** (2006.01); **B01D 3/32** (2006.01); **B01D 53/18** (2006.01); **B01J 10/00** (2006.01); **B01J 19/32** (2006.01)

CPC (source: EP KR US)
B01D 3/20 (2013.01 - EP KR US); **B01D 3/22** (2013.01 - EP KR US); **B01D 3/24** (2013.01 - EP US)

Citation (search report)
See references of WO 0160487A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0160487 A1 20010823; AU 3175101 A 20010827; AU 4414801 A 20010827; AU 770266 B2 20040219; BR 0108420 A 20030325; CA 2399687 A1 20010823; CN 1400917 A 20030305; EP 1257336 A1 20021120; JP 2003522630 A 20030729; KR 20020077442 A 20021011; MX PA02007936 A 20030210; RU 2002124585 A 20040127; US 2003011084 A1 20030116; WO 0160484 A1 20010823; ZA 200206583 B 20030703

DOCDB simple family (application)
EP 0101809 W 20010216; AU 3175101 A 20010214; AU 4414801 A 20010216; BR 0108420 A 20010216; CA 2399687 A 20010216; CN 01805108 A 20010216; EP 0101658 W 20010214; EP 01917004 A 20010216; JP 2001559578 A 20010216; KR 20027010485 A 20020813; MX PA02007936 A 20010216; RU 2002124585 A 20010216; US 20408002 A 20020816; ZA 200206583 A 20020816